

From: [REDACTED]
To: [Jessop, Carter; bob@squidinkbooks.com](mailto:Jessop_Carter; bob@squidinkbooks.com)
Cc: [Lakin, Matt; Goforth, Kathleen; madweather@squidinkbooks.com](mailto:Lakin_Matt; Goforth_Kathleen; madweather@squidinkbooks.com)
Subject: RE: Air Quality Modeling re Rosemont Mine, AZ correspondence files
Date: Thursday, December 12, 2013 10:19:08 AM

Carter,

Thanks so much for your reply. I'm actually just up the hill at the King George, but I think that your info will be all I need to answer one question. That is: Did the consultants for Rosemont actually revise the protocols and do new modeling work between the time of the DEIS and the current FEIS? I'm almost certain that the answer is - no, which means that somehow new "answers" were estimated using old model forecasts and revised inputs for some of the pollutants.

The other questions I have relate to the actual interpolation procedures used within AERMET to blend data from upper-air soundings with surface data from the Rosemont station on site. The elevations are quite different, as well as the surface character of the two upper-air sites that were used, presenting a difficult, if not impossible, physical problem. Although I've searched for two years, I can not find a relevant reference. In desperation, I've down-loaded the AERMET source code.

Again, thanks for your help.

Bob Maddox

-----Original Message-----

From: "Jessop, Carter"
Sent: Dec 11, 2013 6:58 PM
To: "bob@squidinkbooks.com"
Cc: "Lakin, Matt" , "Goforth, Kathleen"
Subject: RE: Air Quality Modeling re Rosemont Mine, AZ correspondence files

Hello Bob,

I'm the lead reviewer for the Rosemont FEIS in EPA's Environmental Review Office. In actuality the majority of our comments to the Forest regarding the air modeling are already in the public record in our comments on the DEIS (Feb 21, 2012) and PAFEIS (August 8, 2013). Both should be available on the USFS's Rosemont EIS website (it sounds like you already have the 2/21/12 letter).

The Forest Service's Response to Comments for EPA's DEIS comments is in the Appendices for the FEIS, specifically, Volume 6, beginning on page G-63. This response to comments may or may not provide the level of detail you're looking for. I don't believe that the USFS did a response to comments for the PAFEIS comments as that was an administrative document.

If the above does not fully meet your request and you need further information, you are welcome to give me a call. Once I better understand what more you're looking for I will coordinate with our Air folks. If your request is going to require a significant amount of USEPA employee time in order to satisfy, we may need to ask you to formally submit a Freedom of Information Act Request.

I will be in the remainder of the week as well as next week with a scattering of meetings through the day, but at my desk and available more often than not. Feel free to call me at your convenience at 415-972-3815.

- Carter

Carter W. Jessop
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From: Bob Maddox [mailto:bob@squidinkbooks.com]
Sent: Monday, December 09, 2013 4:57 PM
To: Jessop, Carter
Cc: Lakin, Matt
Subject: Fwd: RE: Dr. Maddox / potential R9 office visit this week. RE: Air Quality Modeling re Rosemont Mine, AZ correspondence files

Hello Carter,

Matt Laki, in email immediately below, suggested that I contact you. My questions are contained in the second email below. I have attached a pdf of my comments on the USFS DEIS, so that you can see where I'm coming from.

Many thanks for considering this request.

Bob Maddox

----- Original Message -----

Subject: RE: Dr. Maddox / potential R9 office visit this week. RE: Air Quality Modeling re Rosemont Mine, AZ correspondence files

Date: Mon, 9 Dec 2013 23:00:24 +0000

From: Lakin, Matt <Lakin.Matthew@epa.gov>

To: bob@squidinkbooks.com <bob@squidinkbooks.com>, Library-Reg9
<Library-Reg9@epa.gov>

CC: "COHEN, Deborra" <Cohen.Deborra@epa.gov>, "Jessop, Carter"
<JESSOP.CARTER@epa.gov>, "Goforth, Kathleen"
<Goforth.Kathleen@epa.gov>

Dr. Maddox,

I recommend that you contact Carter Jessop, who is our EPA Region 9 NEPA Office lead for

the Rosemont Mine EIS. Our technical staff in the air program may be able to provide you with the information you are seeking, but Carter is probably the best starting point for your questions. We can supply any other information that is needed beyond what Carter already has.

Carter can be reached at Jessop.Carter@epa.gov or 415-972-3815.

Thanks,
Matt

Matthew Lakin, Ph.D.
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US EPA, Region 9 (AIR-2) | 75 Hawthorne St. | San Francisco, CA 94105
P: 415.972.3851 | E: Lakin.Matthew@epa.gov

From: Bob Maddox [<mailto:bob@squidinkbooks.com>]
Sent: Monday, December 09, 2013 5:58 AM
To: Library-Reg9
Cc: Lakin, Matt
Subject: Air Quality Modeling re Rosemont Mine, AZ

Hello,

I will be in San Francisco this week and can visit the EPA Region 9 office. I will be looking in the library for letters or memos for the record between Jim Upchurch (USFS Supervisor, Coronado National Forest) and staff at EPA Region 9.

In the FEIS issued recently, the USFS states that **"... the Forest [sic] in conjunction with other cooperating agencies (including...Environmental Protection Agency Region 9....)... revised the modeling protocol, and requested that this revised protocol be used to assess modeled impacts. ..."**

The FEIS provides the reader no references to exchanges between the USFS and EPA Region 9 regarding the assessments of the Rosemont modeling protocols used within AERMOD and CALPUFF. So I will be looking for any documentations on the record that pertain to these modeling protocol assessments. The USFS also states in the FEIS and in that the modeling done was "state of the art."

I do have a copy of the February 21, 2012 letter (21 pages with the attached comments) from Jared Blumenfeld to Jim Upchurch regarding the draft DEIS. The

FEIS contains
no references documenting their responses to EPA Region 9. Any
responses
on the record by USFS will also be of interest to me when I visit.

Sincerely,

Robert A. Maddox, Ph.D.
NOAA Retired
Past Director, National Severe Storms Laboratory